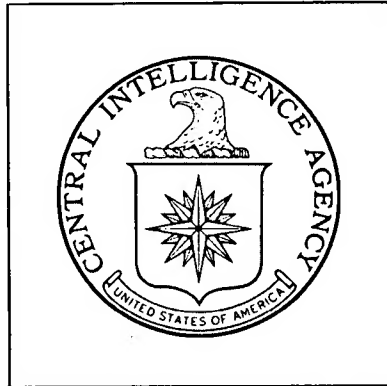


**Top Secret**



**DIRECTORATE OF  
INTELLIGENCE**

**Industrial Facilities  
(Non-Military)**

*Basic Imagery Interpretation Report*

**Aluminum Production Facilities**

**China**

**Top Secret**

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DATE MARCH 1970

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## ABSTRACT

This report, based on 1969 photography, updates the information on seven of the eight selected aluminum plants in China reported in a previous Basic Imagery Interpretation Report. The eighth plant, at Lan-chi, was not covered on photography during 1969. The cutoff date for information in this report is December 1969.

At the Jung-yang plant, construction of a fabrication building was resumed in 1969 after having been halted since late 1963. The plant was first seen operating in 1969. On the latest photography, the steam plant and sections of the alumina production facility were seen operating, but not the aluminum production facility. If and when the alumina facility is put into full operation, it will add significantly to China's total alumina production.

Since the previous report, no construction or dismantling has been observed at five of the plants. A sixth plant, at Fu-shun, has been seen once on poor-quality photography and no construction or dismantling was visible.

On the latest 1969 photography, the plants at Fu-shun, Lan-chou, Pao-tou, and Tzu-po were operating. The plants at Ho-fei and Kuei-yang were still incomplete and have never been seen operating.

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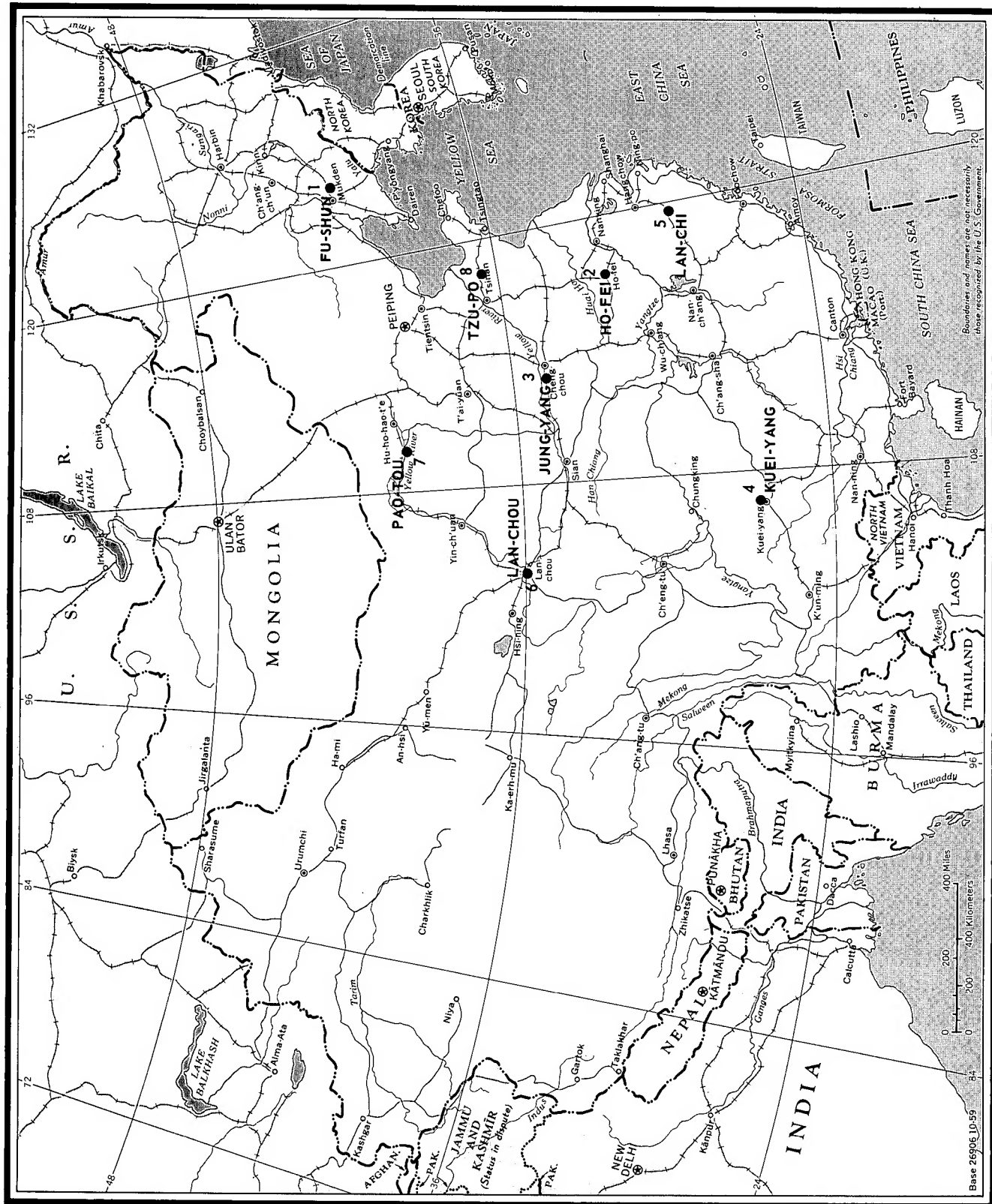
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FIGURE 1. LOCATION MAP

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## INTRODUCTION

This report presents information on the current status of seven aluminum plants in China and describes any changes since the previous report.

The following list of the plants studied is keyed to Figure 1.

1. Fu-shun Alumina and Aluminum Plant.
2. Ho-fei Aluminum Plant.
3. Jung-yang Alumina and Aluminum Plant.
4. Kuei-yang Alumina and Aluminum Plant NW.
5. Lan-chi Aluminum Plant.
6. Lan-chou Aluminum Plant Hsi-ku.
7. Pao-tou Aluminum Plant.
8. Tzu-po Alumina and Aluminum Plant.

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Document Reference

CIA. RCS 13/0197/69, Aluminum Production Facilities, China, June 1969,  
[redacted] (TOP SECRET RUFF)

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## Requirement

COMIREX NO1  
Support Number 420360

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Fu-shun Alumina and Aluminum Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	25X1
51TWG675315	41-50-14N 123-48-39E	25X1
MAP REFERENCE		
USATC, Series 200, Sheet M0290-11HL, 4th ed, Jan 65, Scale 1:200,000		
(SECRET)		
LATEST IMAGERY USED	NEGATION DATE (If required)	
	NA	

## BASIC DESCRIPTION

No changes have been seen at the Fu-shun Alumina and Aluminum Plant since April 1969, the date of the latest photography used in the previous report. Since that time the plant has been seen only on poor-quality photography of December 1969, and no new construction or dismantling was observed. The plant was in operation, as indicated by smoke seen emanating from at least two of the four stacks serving the potrooms.

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Ho-fei Aluminum Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	25X1
51RNL253353	31-57-05N 117-16-05E	
MAP REFERENCE		
2nd RTS. USATC, Series 200, Sheet M0493-3HL, 3rd ed, Apr 68, Scale 1:200,000 (SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		NA

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## BASIC DESCRIPTION

No changes have been observed at the Ho-fei Aluminum Plant since January 1968, the date of the latest photography used in the previous report. The plant remains incomplete and has never been seen in operation.

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Jung-yang Alumina and Aluminum Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
49SGJ075556	34-48-52N 113-16-12E	
MAP REFERENCE		
2nd RTS. USATC, Series 200, Sheet 0385-9 (SECRET)		

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LATEST IMAGERY USED	NEGATION DATE (If required)
	NA

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## BASIC DESCRIPTION

Photography of October 1969 showed that construction was again under way on a fabrication building in the northern part of the plant after having been halted since late 1963. The building was still under construction in December 1969.

The major production facilities at this plant have appeared complete since late 1963, but the plant was first seen operating in 1969. In May 1969 smoke was seen issuing from the steam plant, indicating that it was operating. In the alumina production area, the sintering building was first seen operating in October and the filter plant in December, as indicated by heavy smoke emanating from their respective stacks. The aluminum production facility has not been seen operating.

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Kuei-yang Alumina and Aluminum Plant NW		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	25X1
48RXE630530	26-41-20N 106-38-10E	
MAP REFERENCE		
15th RTS. USATC, Series 200 Sheet M0496-10H1 2nd ed Oct 65 Scale 1:200,000 (SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		NA
		25X1

## BASIC DESCRIPTION

No changes have been observed at the Kuei-yang Alumina and Aluminum Plant NW since March 1969, the date of the latest photography used in the previous report. Since that time the plant has been seen once, on photography of December 1969, when scattered clouds precluded observation of the alumina production area. No new construction was observed in the aluminum production and fabrication areas. The plant remains incomplete and has never been seen in operation.

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Lan-chi Aluminum Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
50RQH350363	29-13-55N 119-25-01E	
MAP REFERENCE		
2nd RTS. USATC, Series 200. Sheet M0493-20HL. 3rd ed. Jan 68. Scale 1:200,000 (SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
None		NA

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## NOTICE

The Lan-chi Aluminum Plant has not been seen on photography since November 1968, the date of the latest photography used in the previous report.

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INSTALLATION OR ACTIVITY NAME

COUNTRY

Lan-chou Aluminum Plant Hsi-ku

CH

UTM COORDINATES

GEOGRAPHIC COORDINATES

48SUQ740990

36-07-41N 103-35-26E

MAP REFERENCE

15th. RTS. USATC, Series 200, Sheet M0383-22HL, 3rd ed, Dec 68, Scale 1:200,000  
(SECRET)

LATEST IMAGERY USED

NEGATION DATE (If required)

NA

# BASIC DESCRIPTION

No changes have been observed at the Lan-chou Aluminum Plant since December 1968, the date of the latest photography used in the previous report. The plant was operating in December 1969. Smoke was seen emanating from the stack serving the potrooms. It could not be determined whether the plant was operating in April 1969 due to the poor quality of the photography.

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Pao-tou Aluminum Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	25X1
49TDQ260908	40-33-55N 110-07-26E	
MAP REFERENCE		
2nd RTS. USATC, Series 200, Sheet M0288-22HL, 3rd ed, Aug 68, Scale 1:200,000		
(SECRET)		25X1
LATEST IMAGERY USED	NEGATION DATE (If required)	
	NA	

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BASIC DESCRIPTION

No changes have been observed at the Pao-tou Aluminum Plant since February 1969, the date of the latest photography used in the previous report. The plant was in operation in May and October 1969. Smoke was seen emanating from the stack serving the potrooms.

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Tzu-po Alumina and Aluminum Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
50SNR940682	36-45-02N 118-03-10E	
MAP REFERENCE		
548th RTS. USATC, Series 200. Sheet M0381-22HL. 4th ed. Jul 68. Scale 1:200,000		
(SECRET)		
LATEST IMAGERY USED	NEGATION DATE (if required)	
	NA	

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### BASIC DESCRIPTION

No changes have been observed at the Tzu-po Alumina and Aluminum Plant since November 1968, the date of the latest photography used in the previous report. The plant was operating in October and December 1969. Heavy smoke was emanating from numerous stacks in the alumina facilities and from the stack serving the potrooms.

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